



FUSS & O'NEILL

March 11, 2016

Mr. Richard Harris, AICP
Town Planner
Town of South Hadley
116 Main Street
South Hadley, MA 01705

RE: Peer Review of the Stormwater Management
Stonybrook Village
Fuss & O'Neill Reference No.20150214.P23

Dear Mr. Harris:

Fuss & O'Neill has conducted a review of the documents submitted by R Levesque Associates, Inc. related to the development of a commercial building within the Stonybrook Village property located on Newton Street. The project includes the construction of a commercial building with associated paved parking area and site utilities. It is Fuss & O'Neill's understanding that the project is proposed on a prepared building site with stormwater management as installed in accordance with previous permitting for the site. We have conducted a review of the following materials as they relate to the stormwater management.

Materials Reviewed

1. Report titled, "Site Plan Review Application, Proposed Commercial Development," dated February 26, 2016, prepared by R Levesque Associates, Inc.
2. Plan sheets titled, "Proposed Commercial Site, Newton Street – Map 28, Parcel 246, South Hadley, Massachusetts," 5 sheets, dated February 26, 2016, prepared by R Levesque Associates, Inc.

Stormwater Management

1. Many of the existing structures are labeled as obscured so no inverts were obtained. An approximate 1 foot cut is proposed in the area of several of the existing pipes. This cut causes concern for the amount of cover over that will remain over the pipe once construction is complete. The applicant shall ensure a recommended minimum of 3 feet of cover will remain on the existing pipes.

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2. To ensure function of the existing stormwater system, the applicant shall verify that the existing stormwater system, including the underground infiltration system, be cleaned of any debris and sediment collected from construction activities and from years of use.
3. Per 16-6 3(A)(2) of the Town of South Hadley Stormwater Management Bylaw, infiltration systems greater than 3 feet deep shall be located at least 10 feet from a basement wall. The depth of the infiltration system has not been provided, with grading as proposed the applicant shall verify that the proposed project meets this requirement.

General Site Design

4. The proposed parking area is sloped at a minimum 0.5%. For the purposes of constructability and minimizing the potential for areas of ponding, it is recommended the parking area be graded with a minimum 1% slope.

General

5. The applicant should provide documentation to demonstrate the amount of disturbance within regulated areas is equal to or less than the amount approved in the Order of Conditions issued on 6-13-2006, and file revised documentation to the Conservation Commission if warranted.

The above comments are based on plans and documentation received at the time of review. Any revisions to the plans and documentation will require further review. Please feel free to contact ucs with any questions.

Sincerely,

Reviewed by:



Aimee Bell
Project Engineer



Daniel F. DeLany, P.E.
Senior Project Manager

/JM